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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 17th March 1979

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

8th February, 1979

117/Cal/79. Embart Industries, Inc. Apparatus for straight line shearing.

118/Cal/79. Hitachi Ltd. Reference voltage generator device.

119/Cal/79. Burroughs Corporation. Jet distributor for end-wise pneumatic partitioning of disk pack.

9th February, 1979

120/Cal/79. Sri Sujit Sen. Moulded choke with built in connector (for fluorescent tube lights).

121/Cal/79. Bunker Ramo Corporation. Radiation shielding for electric penetration assemblies.

122/Cal/79. Linde Aktiengesellschaft. A method of treating gas mixtures containing acid gases using organic solvents.

123/Cal/79. Dresser Industries, Inc. Method and apparatus for coordinating the speeds of motions.

124/Cal/79. Siemens Aktiengesellschaft. Air vessel for a pressure-regulated water supply installation.

1-487GI/78

12th February, 1979

125/Cal/79. Swiss Aluminium Ltd. Nozzles for use in strip casting.

126/Cal/79. Didler Engineering GMBH. Process for the Coking of coal, molded coal articles for use in the process and coking furnace for carrying out the process.

127/Cal/79. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa s.p.a. Process for the preparation of solutions of cellulose derivatives which can be coagulated and spun to form regenerated cellulose bodies.

13th February, 1979

128/Cal/79. Fritz Buser AG. Maschinenfabrik. Device for holding a thin-walled metal cylinder.

129/Cal/79. Prof. Sudhir Kumar Dhar and Subhas Chandra Sarkar. Chainless direct drive velocipedes.

130/Cal/79. Dynamit Nobel Aktiengesellschaft. A reactor for the liquid-phase oxidation of aromatic alkyl compounds with oxygen-containing gases.

131/Cal/79. Siemens Aktiengesellschaft. A device for monitoring angular position.

132/Cal/79. Josef Martin Feuerungsbau GMBH. Grate covering for mechanically moved stepshaped furnace grates of large furnaces.

14th February, 1979

- 133/Cal/79. Ranajit Sen. An electronically controlled automatic exposure attachment for black and white photographic enlarger.
- 134/Cal/79. Swapun Kumar Sen. Method of processing pineapple leaves for the production of fibres, and particularly spinnable fibres therefrom.
- 135/Cal/79. Ireco Chemicals. Emulsion blasting agent and method of preparation thereof.
- 136/Cal/79. Institut Neftekhimicheskikh Protessov Imeni Akademika I.U. G. Mamedaliev Akademi Nauk Azerbaidzhanskoi SSR. Process for preparing allyl chloride.
- 137/Cal/79. Societa Italiana Telecomunicazioni Siemens s.p.a. Method of preparing a co-axial cable with a low level of cross-talk for being end-connected to a co-axial connector.
- 138/Cal/79. Hoechst Aktiengesellschaft. Water-soluble dye-stuffs, processes for their manufacture, their use as fiber-reactive dyestuffs for dyeing and printing fibre materials and the fiber materials dyed with these dyestuffs.
- 55/Del/79. Council of Scientific and Industrial Research. Improved process for the manufacture of methaqualone and methaqualone hydrochloride from isatoic anhydride.
- 56/Del/79. Council of Scientific and Industrial Research. A new process for the production of immobilised pancreatic enzyme product for use as bates for leather manufacture.
- 57/Del/79. Council of Scientific and Industrial Research. A new process for bating of skins and hides by the use of immobilised pancreatic enzyme product.
- 58/Del/79. Council of Scientific and Industrial Research. Improvements in or relating to the electrolytic reduction of m-nitrotoluene to m-toluidine.
- 59/Del/79. Energie Froide International S.A. Industrial. Lightning arrester for aerial electric power lines.
- 60/Del/79. Framatome. Improvements in and relating to the removal of residual stresses in a tube in a tube plate.
- 61/Del/79. Lockheed Corporation. Wave powered motor. (September 19, 1978).

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

24th January, 1979

- 42/Del/79. Dipl. Ing. H. Koster. Solar shades.
- 43/Del/79. Shri P. K. Mehrotra. A 8 mm. projector.
- 44/Del/79. Motion Control Corporation. Control system for stepping motors, a method of operating stepping motors, and a method for selecting current patterns for stepping motors.
- 45/Del/79. Saco Tanning Corporation. Process for chrome recovery from industrial waste and the like, as from chromeladened tannery waste including pollution control of the same.

15th January, 1979

- 46/Del/79. Council of Scientific and Industrial Research. Process for the isolation and preparation of seminal-plasmic. A new antimicrobial and RNA synthesis-inhibitory protein from seminal plasma.
- 47/Del/79. Council of Scientific and Industrial Research. A process for the synthesis of 1-[D-(β -pyrrolidinomethoxy) phenyl]-2-D substituted benzyl-6-methoxy-1, 2, 3, 4-tetrahydronaphthalenes as antifertility agents.
- 48/Del/79. Council of Scientific and Industrial Research. Process for the preparation of a new RNA-degrading protein from seminalplasma.
- 49/Del/79. Council of Scientific and Industrial Research. Preparation of ammonium vanadate from vanadium bearing sludge of alumina plant by liquid ion exchange method.
- 50/Del/79. Hydra-Tight Limited. Device for use in tightening nuts. (April 18, 1978).
- 51/Del/79. Bayer Aktiengesellschaft. An improved process for the production of nitrodiphenyl amines. [Divisional date June 29, 1977].
- 52/Del/79. La Cellophane. Electrostatically adhering a dielectric film to a moving surface.
- 53/Del/79. Carrier Corporation. Plate fin coil assembly.
- 54/Del/79. Dr. S. D. Khanna. A carrier device for delivering sclerosing agents and other chemicals at the utero-tubal junction through the cervix.

27th January, 1979

29th January, 1979

- 62/Del/79. Imperial Chemical Industries Limited. Electric delay device. (February 1, 1978).
- 63/Del/79. Shell Internationale Research Maatschappij B. V. Process for the catalytic cracking of hydrocarbon oils and catalyst for this process.
- 64/Del/79. E. T. Oakes Limited. Helical gear pumps, compressors or motors. (February 10, 1978).

30th January, 1979

- 65/Del/79. Societe D'Etudes DE Machines Thermiques S.E.M.T. Improvements in or relating to method of improving the external cooling of an exhaust valve for an internal combustion engine, particularly a supercharged Diesel engine.
- 66/Del/79. London & Malaga Board Company Limited. Process for making building materials. (February 1, 1978).
- 67/Del/79. Ultrafin, S.A. Improvements in cases for cartridges.
- 68/Del/79. Pont-A-Mousson S.A. Method and installation for the continuous casting of tubular products.
- 69/Del/79. USS Engineers and Consultants, Inc. Subsurface pumping installation for handling viscous or sand-laden fluids.
- 70/Del/79. Smith Kline & French Laboratories Limited. Process for preparing pyrimidones. (February 13, 1978).

31st January, 1979

- 71/Del/79. Carrier Corporation. Improvements in a vane axial fan assembly.
- 72/Del/79. Krupp-Koppers GMBH. Procedure for determining the flow of fuel to the gasifier on partial oxidation of fine-grained to dusty solid fuels. [Addition to No. 1147/Cal/77].
- 73/Del/79. Carrier Corporation. Formed coil assembly.
- 74/Del/79. Messerschmitt-Bolkow-Blohm Gesellschaft Mit Beschränkter Haftung. A wheel suspension for a motor vehicle.
- 75/Del/79. Messerschmitt-Bolkow-Blohm Gesellschaft Mit Beschränkter Haftung. An amphibious cross-country vehicle.

APPLICATION FOR PATENTS FILED AT THE
(BOMBAY BRANCH)

16th December, 1978

- 359/Bom/78. Nautamix B. V. Method of preparing dry mixtures in powder form from polyvinylchloride, lubricating agents and stabilisers, and the manufacture of objects therefrom. (December 18, 1977).

18th December, 1978

- 360/Bom/78. Hindustan Lever Limited. Selective hydrogenation.

19th December, 1978

- 361/Bom/78. I. K. Sibal. Distillery effluent treatment process and plant thereof.

- 362/Bom/78. Shri M. M. Parmar, Shri N. B. Shah, Smt. Indiraben Priyavadan Varma and Smt. Neelaniben Kishorkumar Mehta. Printing frame.

- 363/Bom/78. J. V. Mistry. A novel heald frame.

20th December, 1978

- 364/Bom/78. Pressure Cookers & Appliances Ltd. Improvements in or relating to pressure cookers.

- 365/Bom/78. Pressure Cookers & Appliances Ltd. Improvements in or relating to pressure cookers and particularly to locking means between the handle bar and the handle.

- 366/Bom/78. Ion Exchange (India) Limited. Process for preparation of porous cation exchange resin.

22nd December, 1978

- 367/Bom/78. T. J. David. Compressor protective and safety device.

23rd December, 1978

- 368/Bom/78. Mechelonix Welders Private Limited. Improvements in electric switches.

- 369/Bom/78. M. R. Ruia. A process of manufacturing an electrical insulating material.

26th December, 1978

- 370/Bom/78. Sudarshan Chemical Industries Limited. A method of manufacture of an inorganic green pigment of ferric ferrocyanide & titanium ferrocyanide.

29th December, 1978

- 371/Bom/78. Mr. M. V. P. Rau and Mrs. Shyamala Venkatram. A new method of indexing visiting cards.

1st January, 1979

- 1/Bom/79. Ahmedabad Textile Industry's Research Association. Improvements in or relating to the synthesis of ascorbic acid (Vitamin C) from 2, 3 : 4, 6-DI-O-isopropylidene-2 keto-L-gulonic acid.

- 2/Bom/79. P. K. Ratnaparkhi, R. K. Ratnaparkhi and S. R. Pophale. Improvements in or relating to electronic relay devices.

3rd January, 1979

- 3/Bom/79. P. K. Ratnaparkhi, R. K. Ratnaparkhi and S. R. Pophale. An electronic memory cassette device.

5th January, 1979

- 4/Bom/79. A. J. Pinto. Triple turbine.

6th January, 1979

- 5/Bom/79. J. Varughese. A device for punching and filing papers in a file folder. [Addition to No. 676/72]. [Divisional date November 24, 1976].

8th January, 1979

- 6/Bom/79. R. R. Pardasani. Improvement in or relating to dead front fuse units. [Addition to No. 139943].

9th January, 1979

- 7/Bom/79. Mrs. Sharayu Sharad Pathak. Ceramic petrol filter for use in automobile vehicles for 2, 3 and 4 wheeler vehicles.

- 8/Bom/79. Hindustan Lever Limited. Detergent composition. (January 12, 1978).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classification given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specification listed below will be available for sale from the Government of India Book Depot, 8 Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra is sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 128B. 146175.

Int. Cl.-A61f 1/04.

TOTAL ELBOW PROSTHESIS.

Applicant & Inventor : DR. DURGAPADA BAKSI, 139/2 ANANDA PALIT ROAD, CALCUTTA-700014, WEST BENGAL, INDIA.

Application No. 844/Cal/78 filed August 11, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

Total elbow prosthesis comprising ulnar and humeral components joined by hinge means characterised in that the said hinge means consist of a hinge screw having smooth and threaded outer surface for respective smooth inner surface of said humeral component hinge section and threaded inner surface of said ulnar component hinge section.

CLASS 69-1 & 187G. 146176.

Int. Cl.-H01h 45/00, 47/00.

AN A.C. OPERATED, OPTICALLY-COUPLED SOLID STATE RELAY DEVICE.

Applicant : TATA ENGINEERING AND LOCOMOTIVE COMPANY LIMITED, OF BOMBAY HOUSE, 24, HOMOY STREET, FORT, BOMBAY-400023, INDIA.

Inventors : DINESH POPATLAL SANGHAVI, MOHAN RAMCHANDRA TILWALLI AND DEEPAN CHANDULAL VAIDYA.

Application No. 293/Bom/77 filed October 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

An a.c. operated, optically-coupled solid state relay device comprising an optical isolator comprising a light emitting diode and a photo-transistor which conducts only when said light emitting diode conducts; a d.c. input circuit in which said light emitting diode is connected along with a current limiting resistor across input terminals; an output circuit comprising a triac connected across an a.c. line terminal and a load terminal, a resistor being provided across the gate terminal thereof and said load terminal; a gate control circuit comprising a rectifier unit the input whereof is connected across said gate terminal and said a.c. line terminal; a current switch comprising a first transistor and a second transistor connected in series and provided across the output of said gate control circuit, the base of the first transistor and of the second transistor being connected across the output of said photo-transistor; a zener regulation with filter comprising a zener diode and a capacitor connected in parallel and together connected across said output of the gate control circuit, the cathode of said zener diode being connected to the base of said first transistor and also to the collector output of the photo-transistor; a transistor switch comprising a pair of series-connected resistors connected across the output of said gate control circuit and a third transistor the base whereof is connected to the junction of said pair of series-connected resistors and the emitter and collector whereof are connected across said zener diode.

CLASS 172E.

146177.

Int. Cl.-B65h 54/22.

APPARATUS FOR PNEUMATICALLY SEPARATING A FOOT LAP FROM A SPINNING COP.

Applicant : SCHWEITER ENGINEERING WORKS LIMITED, OF Horgen, SWITZERLAND.

Inventor : XAVER SUTER.

Application No. 976/Cal/76 filed June 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Apparatus for pneumatically separating a foot lap from spinning cops for use in automatic winding machines, comprising :

a housing having a longitudinal axis and formed with a suction connection to which pneumatic suction is applied; a suction nozzle terminating the suction connection in the housing including a rotating centering cone and a cone support element having an upper surface facing the spinning cop and being formed with a nozzle opening communicating with the suction connection; means forming a first clamping position for thread sucked from the spinning cop located beneath the upper surface including;

means forming a first clamping surface located beneath the upper surface and rotatable therewith;

a rotatable first clamping element having a second clamping surface cooperating with the first clamping surface;

means effecting relative axial movement of said first clamping position forming means and said first clamping element to engage said first and second clamping surfaces upon such axial movement and pinch a sucked-off thread therebetween;

means forming a second clamping position for thread sucked from the spinning cop located axially beneath said first clamping position a second clamping element having a fourth clamping surface cooperating with the third clamping surface;

operating means effecting axial movement of said third clamping surface forming means and said second clamping element to engage said third and fourth clamping element to engage said third and fourth clamping surfaces and pinch a sucked-off thread therebetween;

said operating means being operable sequentially with respect to said means forming the second clamping position to stretch a sucked-off thread essentially taut between said first and second clamping positions;

and cutter means located in interfering position with respect to an imaginary straight surface between said clamping positions to sever a thread clamped between said clamping positions.

CLASS 63B.

146178.

Int. Cl.-H02h 3/00.

CLOSURE ASSEMBLY HAVING ELECTRICAL CONDUCTORS SEALED THERE THROUGH.

Applicant : ULTRA-CENTRIFUGE NEDERLAND N.V., OF 44 SCHEVENINGSEWEG, THE HAGUE, THE NETHERLANDS.

Inventors : HENDRIK JAN IJLSTRA AND GERARDUS JOACHIM MARIA VAN DER BOOGAARD.

Application No. 2208/Cal/76 filed December 15, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A closure assembly having elongated bodies such as electrical conductors sealed therethrough which closure assembly is vacuum tight and contains no welded joints and sealing a passage having a step, characterized in that the assembly comprises a cover member located against the step, a seal ring disposed between the cover member and the step, a thrust ring, and a clamping ring fitted in the larger part of said passage and exerting an axial force through the thrust ring, on said cover member to compress the seal ring.

CLASS 63C.

146179.

Int. Cl.-H01c 39/20.

A SINTERED BRUSH FOR A DYNAMO ELECTRIC MACHINE AND A METHOD OF PRODUCING SAID BRUSH.

Applicant : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, ENGLAND.

Inventors : RAYMOND LESLIE ORFORD AND DEXTER WILLIAM SMITH.

Application No. 369/Cal/77 filed March 14, 1977.

Convention date March 20, 1967/(11317/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims. No drawings.

A sintered brush for a dynamo electric machine characterized in that it contains copper, carbon and silicon carbide as essential ingredients.

CLASS 63C.

146180.

Int. Cl.-H01r 39/20.

A BRUSH AND LEAD ASSEMBLY FOR DYNAMO ELECTRIC MACHINE AND A METHOD OF PRODUCING THE SAME.

Applicant : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Inventor : RAYMOND LESLIE ORFORD.

Application No. 378/Cal/77 filed March 15, 1977.

Convention date March 20, 1976/(113921/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A method of producing a brush and lead assembly for a dynamo electric machine, including the steps of compacting a powder from which the brush is to be made around one end of an electrical lead with the remainder of the lead projecting from the compacted powder, and then heating in a

non-reducing atmosphere the assembly of the lead and the compacted powder to sinter the powder into the required brush and physically and electrically connected the lead to the brush.

CLASS 85J.

146181.

Int. Cl.-F28d 7/00.

A HEATING INSTALLATION.

Applicant & Inventor : KIRTIKUMAR SHANTILAL GANDHI, OF HARISH TEXTILE ENGINEERS PVT. LTD., AT 17, CAMAC STREET, CALCUTTA, WEST BENGAL, INDIA.

Application No. 1322/Cal/77 filed August 24, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A heating installation for heating oil more particularly by the flue gases from a coal fired furnace comprising a furnace and a system for heating which comprises a first chamber in communication with the furnace, at least one coil of pipe extending substantially axially along the said first chamber, said coil containing oil to be heated, a second chamber coaxially disposed around the said first chamber and spaced from the coil, the second chamber being in the form of a shell in which are fitted a series of flue pipes and the spacings between the flue pipes are surrounded by oil received from the coil or coils in the first chamber, the heated oil being then utilised for heating the desired medium and recirculated for further heating.

CLASS 76E

146182.

Int. Cl.-A47b 96/06, F16g 11/00.

FIXING MECHANISM FOR ELECTRICAL EQUIPMENTS

Applicant & Inventor : MRS. REKHA GUPTA, G-235, NARAINA, NEW DELHI-110028, INDIA.

Application No. 308/Del/77 filed October 12, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

A mechanism for quickly fixing electrical equipments such as contractors, switches, starters, circuit-breakers or the like for use in electrical workshops, factories or like establishments, comprises a groove and a spring-loaded latch provided on opposite sites of the equipment and adapted to engage with a wall bracket characterised in that the latch includes a moveable internal spring loaded metallic strip adapted to move up and down within the latch body, the said groove being inserted for fixing the equipment into a slot provided in the wall bracket, the side of the said equipment being thereafter pushed against the said bracket where it gets firmly fixed, the said metal strip being first pushed upwards and then allowed to return to its normal position under the spring action, the equipment being thus fixed firmly on the bracket.

CLASS 145B & 148H & I.

146183.

Int. Cl.-G03c 1/86, B41m 5/20.

A PROCESS FOR THE PRODUCTION OF AN ELECTRICALLY CONDUCTIVE PAPER USED AS A SUBSTRATE FOR APPLYING ZINC OXIDE ELECTRO PHOTOGRAPHIC LAYERS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : CHITTARI VENKATA SURYANARAYANA, ALUR SUNDARAM LAKSHMANAN AND JAGAN-NATHAN KUPPUSAMI.

Application No. 301/Cal/76 filed February 20, 1976.

Complete Specification left March 21, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims. No drawings.

A process for the production of an electrically conductive paper used as a substrate for applying zinc oxide electrophotographic layers by impregnating paper with an aqueous solution followed by drying the paper characterised in that the paper is impregnated with an aqueous solution of a combination of a salt humectant and a chemical to impart enhanced electrical conductivity to ordinary writing paper, the combination being an alkali chloride or perchlorate (2-7% by wt) with similar anions of group II or IIA elements, preferably II a and a water soluble binder resin. (2-5% by wt) prior to drying the paper.

CLASS 97C.

146184.

Int. Cl.-H05b 1/00.

WATER HEATING DEVICE.

Applicant & Inventor : ALEXANDRE JOSE ANTONIO LORENZETTI, OF 1230 PRESIDENT WILSON AVENUE, SAO PAULO, BRAZIL.

Application No. 662/Cal/76 filed April 17, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A water heating device comprising a hollow body having a water inlet and a water outlet, a piston member slidably mounted within the body adjacent the inlet whereby the ingress of water to the body causes movement of the piston away from the inlet, water heating means located within the body between the inlet and outlet, and actuating means for said heating means arranged to be operated by said movement of said piston.

CLASS 94A & G.

146185.

Int. Cl.-B02c 4/42.

PULVERIZER HYDRAULIC DRIVE.

Applicant : COMBUSTION ENGINEERING, INC., OF PROSPECT HILL ROAD, WINDSOR STATE OF CONNECTICUT, UNITED STATES OF AMERICA.

Inventor : JOHN JOSEPH HALLORAN, JR.

Application No. 1009/Cal/76 filed June 10, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

In a pulverizing mill, a housing having a lower base plate, a rotatable bowl within the housing, means coacting with the upper surface of the bowl to perform the pulverizing function is characterized by that a ring gear is attached to the lower portion of the bowl and a plurality of hydraulic motors secured to the lower base plate, each said motor having an associated drive gear engaging with the ring gear of the bowl to cause rotation of the said bowl.

CLASS 69I & K.

146186.

Int. Cl.-H01h 1/12.

VACUUM SWITCH.

Applicant : HAZEMEIJER B.G., OF TUINDORPSTRAAT 61, HENGEL, THE NETHERLANDS.

Inventor : JOSEPH HUBERTUS FRANCISCUS GERARDUS LIPPERS.

Application No. 148/Cal/77 filed February 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A vacuum switch which produces an electric field in order to improve the current interruption characteristics comprising a gas-tight sealed evacuated envelope having therein a stationary contact element and a movable contact element movable towards or away from the stationary contact element, at least one of the contact element consisting of a disc-shaped

contact portion and a bush-shaped portion connected to or integral with the disc-shaped portion; a spiral conductor being present within the bush-shaped contact portion and being in series with the associated contact element, the outer turn of the spiral conductor being connected to the inner wall of the bush-shaped portion and the inner turn of the spiral conductor being connected to a contact rod extending through the envelope, the contact rod supporting the corresponding contact element.

CLASS 64B.

146187.

Int. Cl.-H01r, 5/02.

A CONNECTOR FOR MAKING ELECTRICAL CONNECTION TO A PLURALITY OF INSULATED WIRES.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, OF 3M CENTER, SAINT PAUL, MINNESOTA 55101, UNITED STATES OF AMERICA.

Inventor : JAMES EDWARD AYSTA.

Application No. 2019/Cal/76 filed November 9, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A connector for making electrical connection to a plurality of insulated wires having an insulating body formed on one surface with a plurality of parallel wire support channels, said body being formed with a plurality of apertures therethrough, one aperture extending across each channel; a plurality of spring compression reserve contact elements carried by the body, each contact having a bifurcate insulation stripping and conductor connecting end, a bifurcate contact connecting end of a contact element extending through each aperture in the body to make electrical connection to a wire supported on the wire support channel; a cover formed on one surface with parallel wire support channels complementary to the channels on the body; and means for retaining the cover on the body with the complementary channels aligned and the wires in the bifurcations of the contact elements to support and retain the wires in the channels and to make electrical connection between the contact elements and the wires, wherein each channel (22) on said insulating body (14) is formed with a transverse step (23) defining upper (24) and lower (25) wire support levels, adjacent channels being formed with steps (23) rising from generally coplanar lower wire support levels (25) to generally coplanar upper wire support levels (24) in opposite a lower wire support level between two upper wire support levels, wherein the bifurcate contact connecting end (29) of a contact element (16) terminates below the adjoining upper wire support levels with the outer edges of the legs thereof abutting the adjoining upper support levels of the body, and wherein the parallel wire support channels (38) on the cover (15) are formed with steps complementary to those on the body (14).

CLASS 27-I & 131B, & B₂.

146188.

Int. Cl.-E01g 5/04, E02d 35/00, E21d 5/04.

METHOD AND APPARATUS FOR PRODUCING PREFABRICATED CONCRETE AND REINFORCED CONCRETE ELEMENTS OF GREAT DIMENSIONAL ACCURACY.

Applicant : BETON-ES VASBETONIPARI MUVEK, OF BUDAPEST, HUNGARY.

Inventors : LASZLO NAGY, LASZLO PAPP, LASZLO TOTH, FENDRE JANKOVICS AND ZOITAN VARNAGY.

Application No. 1764/Cal/76 filed September 25, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for the production of prefabricated concrete and steel reinforced concrete elements of large dimensional accuracy, mainly of tunnel elements, for example for the tubing elements of subway tunnels, in which a form is cleaned, its product forming surfaces are coated with a stripping agent facilitating the removal of the product, the optionally required insert element(s), such as the steel structure, or the lining

insert(s) enabling moving the element are placed within the form, the latter is temporarily fixed in position, then the form is filled with concrete, the concrete is worked into the form suitably by vibration, the product with the form is placed into a setting area, after setting the product is removed from the form and placed on a conveyance, then the emptied form is cleaned again and the above process is cyclically repeated, characterized by securing the product and the lifting mechanism against tilting, and securing the form in position.

CLASS 73.

146189.

Int. Cl.-D06n 5/00.

METHOD FOR PRODUCING NEEDLE-FELTED AND ORNAMENTALLY PATTERNED NON-WOVEN FABRIC.

Applicant : CIKALON-VLIESSTOFFWERK GMBH., OF HOOOGHE WEG, D-4152 KEMPEN 1, WEST GERMANY.

Inventor : DR. HERBERT LOCHNER.

Application No. 401/Cal/77 filed March 19, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Method for the manufacture of needle-felted and ornamentally patterned non-woven fabrics, whereby the fibres of a single colour pre-needle felted non-woven fabric are wholly or partially glued together in surface zones corresponding to the desired ornament and these (fibres) making up the non-woven fabric web acting as the pattern forming non-woven fabric are laid in the dry state on a second differently coloured pre-needle-felted non-woven fabric web not having surface zones of glued together fibres and following which both non-woven fabric webs are needle-felted together, characterised in that the two non-woven fabric webs are needle-felted from the side of the second non-woven fabric web for the formation of a pile surface on the exterior (exposed) surface of the non-woven fabric web acting as the pattern forming non-woven fabric.

CLASS 141D.

146190.

Int. Cl.-C23f 5/02, C09k 3/00.

IMPROVEMENTS IN OR RELATING TO METHOD OF MAKING POWDER FOR DRY MAGNETIC PARTICLE INSPECTION.

Applicant : THE TATA IRON AND STEEL COMPANY LIMITED, JAMSHEDPUR, BIHAR, INDIA.

Inventors : PARITOSH KUMAR CHAKRAVARTY AND DR. AMIT CHATTERJEE.

Application No. 767/Cal/77 filed May 21, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims. No drawings.

A method of preparing a powder based on iron material and pigments material for dry magnetic inspection characterized by the improvements that a charge of waste material obtained from sponge iron plant or reduced iron ore is taken as source of iron material, which iron material is subjected to size reduction to obtain a fraction passing through a 65 mesh screen, mixing said fraction with a conventional pigment material to obtain a through blend and further characterized by the further improvement that said blend is subjected to a grinding step using grinding balls of hardness greater than the pigment material but less than the iron material so as to selectively reduce only the size of the pigment particles in the blend to obtain a resultant powder having iron materials adhered with said pigment material.

CLASS 90-I & 97H.

146191.

Int. Cl.-C03c 5/02.

METHOD OF INCLUSION MELTING OF GLASS WITH WASTE SUBSTANCES, AND FURNACE FOR CARRYING OUT SUCH METHOD.

Applicant : SORG GMBH & CO. KG., OF 8771 PFL. CHSACH, WEST GERMANY.

Inventor : HELMUT PIEPER.

Application No. 1282/Cal/77 filed August 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A method of inclusion melting of glass with waste substances, such as herein described particularly poisonous substances comprising : feeding said substances into a furnace, of the type used in accordance with the method of this invention such as hereinbefore described, from above in combination with a mixture suitable for the melt-forming of glass of the conventional type; and heating up to temperatures normally attained in a glass melting furnace the molten mass of glass with waste and/or poisonous substances by passing electrical current directly through the molten mass through electrodes positioned in the furnace walls, wherein the mass flow takes place solely vertically from top of bottom.

CLASS 32F, & F2a & 55D2. 146192.

Int. Cl.-C07c 125/04.

A PROCESS FOR THE MANUFACTURE OF SELECTIVELY HERBICIDALLY ACTIVE DIURETHANES.

Applicant : SCHERING AKTIENGESellschaft, OF BERLIN AND BERGKAMEN, THE FEDERAL REPUBLIC OF GERMANY.

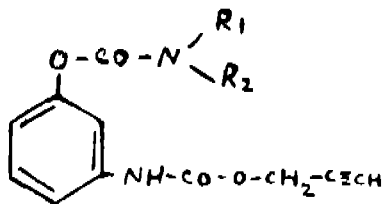
Inventors : DR. GERHARD BOROSCHEWSKI AND DR. FRIEDRICH ARNDT.

Application No. 339/Del/77 filed October 24, 1977.

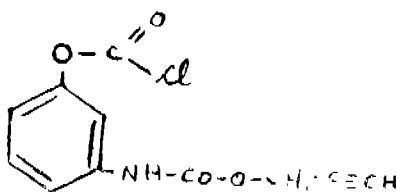
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

41 Claims.

A process for the manufacture of a compound of the general formula I.



in which R₁ represents an alkyl, alkenyl or halogenalkyl group and R₂ represents an unsubstituted phenyl group or a phenyl group substituted by one or more substituents selected from halogen atoms, trifluoromethyl groups, alkyl groups and alkoxy groups, or represents a cyclohexyl group wherein the chloroformic acid ester of 3-hydroxycarbanilic acid propargyl ester of the formula II.



is reacted in the presence of an acid acceptor such as herein described with an amine of the general formula III.



in which R₁ and R₂ have the meanings given above.

CLASS 172F.

146193.

Int. Cl.-B65h 54/32.

YARN OR THREAD SPOOLING MACHINE.

Applicant : SCHWEITER ENGINEERING WORKS LIMITED, OF HORGEN, SWITZERLAND.

Inventor : AUTHUR REBASMEN.

Application No. 1795/Cal/75 filed September 19, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Spooling machine for yarn or thread having a drive drum and a winding body in engagement with the drive drum, and drive means in operative driving connection with said drum, wherein the drive means include an endless positive drive belt having a length substantially in excess of its stretched length and in engagement with the shaft of the drive drum; a biased compensating roller device in engagement with the loose or return run of the drive belt; a belt length control roller in engagement with the driving run of the belt; and cyclically operating means in operative engagement with the control roller and cyclically acting on the control roller to elongate and foreshorten the length of the driving run of the belt.

CLASS 69-I.

146194.

Int. Cl.-H03k 17/00.

POWER SWITCHING CIRCUIT.

Applicant : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, ENGLAND.

Inventor : OWEN EDGAR WRIGHT.

Application No. 948/Cal/76 filed June 1, 1976.

Convention date June 4, 1975/(24067/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A power switching circuit comprising an output transistor having its collector-emitter connected between a supply rail and an output rail, means controlling the current applied to the base of the output transistor for switching the output transistor between conducting and non-conducting states, a return rail, a choke connected in one of said rails, a further choke connected in series with a diode between the output rail and the return rail and means connected across said further choke for dissipating the energy stored thereby, the arrangement being such that whilst the transistor is non-conductive output current is sustained as a result of energy released from the first mentioned choke, and when the transistor is turning on energy released from said further choke causes the voltage on the output rail to be sustained briefly, thereby reducing the voltage across collector-emitter of the output transistor.

CLASS 107-H.

146195.

Int. Cl.-F02d 1/02, F02m 61/00.

FUEL PUMPING APPARATUS.

Applicant : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Inventor : JAMES CHARLES POTTER.

Application No. 2143/Cal/76 filed December 1, 1976.

Convention date December 6, 1975/(50131/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A fuel pumping apparatus for supplying fuel to a supercharged internal combustion engine and comprising a pumping plunger movable inwardly within a bore to displace fuel from the bore to a fuel outlet which in use is connected to a combustion space of the engine, pump means for supplying fuel to the bore to urge the plunger outwardly, valve means for controlling the output pressure of said pump means so

that it varies in accordance with the speed at which the apparatus is driven, a cam for effecting inward movement of the plunger, stop means operable to determine the maximum outward movement of the plunger thereby to limit the maximum amount of fuel which can flow through said outlet, said stop means comprising a stop ring (130, 131) axially may be able to determine the extent of outward movement of the plunger, a further ring (133) positioned on one side of said stop ring, fluid pressure operable means for moving said stop means between first, second and third alternative positions, said inter-engaging means comprising a set of spaced first projections on the stop ring and further ring, the two sets of first projections being brought into engagement when said stop ring is in said second angular position, said stop ring or said further ring having a set of second projections alternately disposed relative to the first projections, said further ring or said stop ring having sets of third and fourth projections, one of said third projections and one of said fourth projections being disposed intermediate adjacent ones of said first projections, said third and fourth projections having differing heights whereby when said stop ring is in its first or third positions, the second projections will engage with the third or fourth projections, the first of said angular positions enabling the apparatus to provide an excess of fuel for starting purposes, the second of said angular positions limiting the maximum fuel output for when the engine is operating in a naturally aspirated manner and the third of said angular positions acting to limit the maximum fuel output when the engine is supercharged.

CLASS 24D, & 158D.

146196.

Int. Cl.-B61h 9/00.

VALVE MEANS ASSOCIATED WITH THE TRIPLE VALVE OF A GRADUATED RELEASE AIR BRAKE, FOR CONTROLLING THE PRESSURE IN A RESERVOIR.

Applicant : WERKZEUGMASCHINENFABRIK OERLIKON-BUHRLE AG, OF BIRCHSTRASSE 155, 8050 ZÜRICH, SWITZERLAND.

Inventor : PIUS FISCHER.

Application No. 70/Cal/77 filed January 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Valve means associated with the triple valve of a graduated release air brake for controlling the pressure in an air reservoir, particularly a control reservoir, comprising a control valve between the main brake pipe and the pressure controlled reservoir, said valve which contains a valve element operable by the brake cylinder pressure and a valve element operable by the brake pipe pressure during release controlling serially connected first and second flow openings between the main brake pipe and the reservoir that is to be controlled, characterised in that the pressure control valve further comprises a third valve element which is operable by the main brake pipe pressure when the brake is released and displaceable from an open into a closing position, and which contains a flow-restricting opening providing communication in either position of the third valve element between the main brake pipe and the pressure controlled reservoir.

CLASS 68D.

146197.

Int. Cl.-H01t 5/00.

SURGE ARRESTER GAP AND GRADING MEANS.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : JOSEPH CHARLES OSTFROUT.

Application No. 124/Cal/77 filed January 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A spark gap assembly comprising a stack of insulating plates, first, second and third plates of said stack having opposing first and second surfaces with said first surface having a raised portion and said second surface having a recess, said raised portion of said first surface of said first plate located within said recess of said second surface of said second plate, said raised portion of said first surface of said second plate located within said recess of said second surface of said third plate, a pair of electrodes disposed on and affixed to individual ones of said stack of plates on a single one of said surfaces thereof and defining a spark gap between said pair of electrodes, said pair of electrodes having a piece of ionizing material disposed therebetween, said piece of ionizing material being affixed within a recess of said surface to which said electrodes are affixed, said pair of electrodes having a first pair of opposing points contacting said preionizer and a second pair of opposing portions that face each other at a location removed from said preionizer, said second pair of portions being spaced a predetermined distance defining a spark gap between said electrodes.

CLASS 56G.

146198.

Int. Cl.-B01d 3/30.

A REACTOR FOR CONDUCTING A SYNTHESIS REACTION OF UREA.

Applicant : INSTYTUT NAWOZOW SZTUCZNYCH, ZJEDNOCZENIE "PETROCHEMIA", PULAWY, POLAND.

Inventors : JANUSZ STARZYCKI, JADWIGA STARZYCKA, JANUSZ SOBCEK, STANISLAW GOLEMBIOWSKI, ERNEST PIECZORA, STANISLAW KOLANEK, JERZY SIMONIDES AND JOZEF JENDRAZEJ.

Application No. 811/Cal/77 filed March 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A reactor for conducting a synthesis reaction of urea from ammonia and carbon dioxide at a temperature of 100—250°C and under a pressure of 100 — 300 kg/Cm² consisting of a vertical cylindrical reactor equipped with lying crosswise, non-overflow plates with round, oval, fissure or other orifices, wherein the orifices of said non-overflow plates (5) have movable elements, for example ball shaped (8) mushroom-shaped (7), hemisphere-shaped (9) cone-shaped (10) or plate-shaped (11), causing an indirectional flow of a reaction mixture.

CLASS 81.

146199.

Int. Cl.-A62c 7/00.

IMPROVEMENTS IN OR RELATING TO HEAT SENSITIVE RELEASE DEVICES.

Applicant : MATHER & PLATT LIMITED, OF PARK WORKS, MANCHESTER M10 6BA, ENGLAND.

Inventor : GEDDES A LAN BRAY.

Application No. 360/Cal/77 filed March 11, 1977.

Convention date March 12, 1976 (09915/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A heat sensitive release device such as for fire fighting equipment comprising two relatively movable components, collapsible strut system for location between the components and including a catch element having opposed wings between which is held a heat sensitive element, a lever fulcrumed on one of the components, a strut engaging at one end on the other component and its other end on the lever adjacent the fulcrum, one of the strut and the lever bearing against the heat sensitive element while the other is operatively associated with the catch element.

PATENTS SEALED

141482 142259 142568 143384 143385 143559 143578 143727
143751 143759 143794 143800 143802 144731

REGISTRATION OF ASSIGNMENTS, LICENCES,
ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

141061, ... Mr. Ing. Mario Ballestrs.

PATENTS DEEMED TO BE ENDORSED WITH
THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
86514 (20-4-72)	Process for manufacture of benzodiazepine derivative.
94812 (20-4-72)	Process for preparing new pyrrole derivatives.
108980 (20-4-72)	A process for preparing 13-alkylgonal-1, 3, 5 (10), 6, 8 pentaenes and 13-alkylgonal-1, 3, 5 (10), 8, 14-pentaenes.
111564 (20-4-72)	Preparation of cinnamylpiperazine derivative.
123864 (20-4-72)	Method of preparing monosilted hydrohalide salt of a penicillin.
129209 (20-4-72)	Process for preparing benzodiazepine derivatives.
132165 (20-4-72)	A process milk of preparing buffalo evaporation.
134620 (20-4-72)	Method for obtaining 1-benzhydryl-4-cinnamyl piperazine.
136864 (1-6-72)	A method of preparing propargol.
136886 (12-12-72)	A process for improving the bacteriological quality of a protease.
136886 (12-12-72)	A process for improving the bacteriolodensation.
136890 (22-11-72)	Manufacture of tanning agents by copolymer emulsion as a base coat resin for finishing leather.

RENEWAL FEES PAID

90957 91259 91260 91261 91275 91662 92525 92688 92675
92788 92984 95263 97457 97697 98136 98137 98204 98448
98449 98553 98567 100833 101805 101926 102371 102495
102629 103261 103385 103832 104184 104203 104441 104504
106451 106483 107625 108212 108213 108376 108672 108775
108820 108874 109247 109340 109615 109646 109946 109971
109979 111849 112278 113115 113193 113417 113619 113620
113743 113857 113938 114249 114250 114251 114770 115032
115055 115145 115933 117092 118403 118640 119255 119324
119343 119596 119930 119931 120091 120148 120218 120240
120328 120399 120482 120505 120516 120924 122577 122873
122931 122932 123261 123939 123940 123941 123942 123943
124015 124214 124317 124371 124751 124792 124795 124811
125290 125733 125869 128073 128858 128919 129109 129389
129741 129733 129796 129831 130135 130252 130295 130333
130401 130530 130613 130783 130787 130926 132465 132548
132922 133036 133198 133341 133463 133464 133528 133630
133676 134189 134509 134548 134552 134594 134624 134644
134681 134766 134799 134846 135013 135305 135558 135559
135696 135697 135698 135792 135875 136080 136091 136169
136264 136368 136757 136849 136895 136979 137244 137266
137412 137620 137652 137738 137940 138015 138044 138193
138230 138293 138508 138628 138690 138797 138809 138871

2—507GI/78

139989 139037 139098 139230 139361 139500 139507 139554
139618 139805 139873 140100 140168 140169 140291 140437
140509 140627 140647 140676 140791 140866 140925 140992
141053 141156 141200 141214 141236 141351 141426 141436
141469 141502 141547 141551 141605 141623 141651 141658
141676 141678 141739 141747 141789 141797 141905 141916
142005 142102 142106 142133 142153 142154 142178 142251
142279 142280 142325 142390 142473 142474 142494 142495
142499 142509 142518 142529 142530 142540 142552 142589
142628 142641 142643 142664 142666 142684 142753 142786
142899 142958 142987 143004 143006 143026 143071 143111
143124 143136 143179 143182 143207 143212 143216 143253
143272 143275 143276 143297 143334 143399 143483 143519
143551 143635 143774 144174

CESSATION OF PATENTS

123081 123087 123088 123104 123124 123125 123168 123169
123190 123216 123233 123234 123241 123251 123257 123267
123281 123305 123322 123324 123324 123335 123342 123350
123353 123369 123373 123378 123379 123380 123381 123401
123402 123408 123449 123450 123469 123477 123482 123483
123488 123499 123501 123510 123520 123529 123535 123542
123548 123566 123570 123585 123587 123601 123609 123613
123621 123647 123661 123667 123669 123672 123673 131541
134605 134628 139293

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 121776 granted to Council of Scientific and Industrial Research subsequently assigned to National Research Development Corporation of India for an invention relating to "An unevenness indicator for indicating pavement irregularities". The Patent ceased on the 13th June 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 20th January, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 17th May, 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 121777 granted to Council of Scientific and Industrial Research subsequently assigned to National Research Development Corporation of India for an invention relating to "A marking or/and indicating device suitable for attachment to an unevenness measuring machine". The Patent ceased on the 13th June 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 20th January 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 17th May, 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 124345 granted to Minni Trading Corporation for an invention relating to "Multipurpose safety liquid transfer device". The Patent ceased on the 8th December, 78 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 6th January, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 17th May, 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 134184 granted to Kautex-Werke Reinold Hagen for an invention relating to "Method of an apparatus for producing tubular bodies thermoplastic synthetic resin material". The Patent ceased on the 4th April, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 20th January, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 17th May, 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 140128 granted to Dunlop Limited for an invention relating to "pneumatic tyres". The Patent ceased on the 7th September, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th November 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 17th May, 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 140708 granted to Kores (India) Limited for an invention relating to "A direct transfer contact copying paper". The Patent ceased on the 18th November 77 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 13th January, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 17th May, 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application for restoration of Patent No. 98146 dated the 27th February, 1965 made by Council of Scientific and Industrial Research on the 2nd November, 1974 and notified in the Gazette of India, Part III, Section 2 dated the 14th December, 1974 has been allowed and the said patent restored.

(8)

Notice is hereby given that an application for restoration of Patent No. 138087 dated the 31st March, 1973 made by Etat Francais on the 8th March, 1978, and notified in the Gazette of India, Part III, Section 2 dated the 17th June, 1978 has been allowed and the said patent restored.

REGISTRATION OF PATENTS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

NIL

COPYRIGHT EXTENDED FOR A SECOND OF FIVE YEARS

Design Nos. 141865, 142357, 142400, 143404, 144155 and 144436 Class 1

COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 141865, 142357, 142400, 143404, 144155, and 144436 Class 1.

Name Index of applicants for patents for the month of November 1978 (Nos. 1179/Cal/78 to 1288/Cal/78, 320/Bom/78 to 343/Bom/78, 203/Mas/78 to 223/Mas/78 and 782/Del/78 to 868/Del/78).

Name	Application No.
(A)	
A/S Hoyer-Ellefsen, Ing. T. Furuholmen A/S and Ing. F. Selmer A/S.—839/Del/78.	
Acharya, S.R.—786/Del/78.	
Ahmedabad Textile, Industry's Research Association—325/Bom/78, 341/Bom/78.	
Aimants Ugimag S.A.—817/Del/78.	
Akzona Incorporated—850/Del/78.	
Albe S.A.—1280/Cal/78.	
Alcan Research and Development Limited—855/Del/78, 857/Del/78, 858/Del/78.	
Altekar, Y.D.—330/Bom/78.	
American Cyanamid Company—1247/Cal/78.	
Armco Inc.—783/Del/78.	
Awasthy, S.K.—801/Del/78.	
(B)	
BBC Brown, Boveri & Company Limited—1202/Cal/78.	
Bai, T.I.—221/Mas/78.	
Bakshi, G.S.—336/Bom/78.	
Banerjee, K.—1233/Cal/78.	
Baranovsky, A.A.—1205/Cal/78.	
Barthakur, B.—1242/Cal/78.	
Baskov, J.A.—1207/Cal/78, 1208/Cal/78, 1209/Cal/78.	

(A)

(B)

Name Application No.

Belcit Walmsley Limited 854/Del/78.
 Beloit Corporation—1191/Cal/78, 1192/Cal/78, 1193/Cal/78, 1194/Cal/78, 1195/Cal/78.
 Bobtex Corporation Limited, The.—1182/Cal/78, 1183/Cal/78.
 Bunker Ramo Corporation—1255/Cal/78.
 Burroughs Corporation—1219/Cal/78, 1228/Cal/78, 1258/Cal/78.
 Bushev, V. S.—1208/Cal/78.

(C)

CPC International, Inc.—861/Del/78.
 Cable Belt Limited—808/Del/78.
 Camphor & Allied Products Limited—346/Bom/78.
 Carrier Corporation—825/Del/78, 826/Del/78, 837/Del/78.
 Chacko, N.J.—212/Mas/78.
 Chaudhary, A.N. (Dr.)—836/Del/78.
 Chicago Pneumatic Tool Company—1282/Cal/78.
 Chubukov, V. K.—1207/Cal/78, 1208/Cal/78, 1209/Cal/78.
 Chumakov, V.A.—1225/Cal/78.
 Combustion Engineering Inc.—1204/Cal/78.
 Council of Scientific and Industrial Research—793/Del/78, 794/Del/78, 813/Del/78, 843/Del/78, 844/Del/78, 845/Del/78, 846/Del/78, 847/Del/78.
 Creusot-Loire—853/Del/78.
 Cross Company, The—1196/Cal/78.

(D)

Dr. Adolf Seebach AG.—1248/Cal/78.
 Dasgupta, D.K.—1276/Cal/78.
 Dhiman, G.R.—812/Del/78.
 Dhiman, H.—812/Del/78.
 Dhiman, N.D.—812/Del/78.
 Diamond Shamrock Corporation—1223/Cal/78.
 Diamond Shamrock Technologies S.A.—1186/Cal/78.
 Dmitriev, K.V.—1209/Cal/78.
 Dorr, Oliver Incorporated—806/Del/78.

(E)

Fischer Wyss Limited—1181/Cal/78.
 Evkin, I.F.—1208/Cal/78.

(F)

F. Hoffmann-La Roche & Co. Aktiengesellschaft—1201/Cal/78.
 FMC Corporation—848/Del/78, 867/Del/78.
 Fletcher, J.—803/Del/78.
 Franz Plasser Bahn-baumaschinen-Industrie-gesellschaft M.H.H.—1198/Cal/78.

(G)

G A F Corporation—1283/Cal/78.
 G.K.N. Fasteners Limited—815/Del/78, 816/Del/78.
 GKN Group Services Limited—840/Del/78.
 Gadgets India—805/Del/78.

Name Application No.

Ganesan, R.—204/Mas/78, 210/Mas/78, 215/Mas/78.
 Gavia A.G.—1227/Cal/78.
 Gavrilin, V.P.—1208/Cal/78.
 Gellos, A.T.—832/Del/78.
 General Electric Company—1199/Cal/78 and 1200/Cal/78.
 General Electric Company Limited, The.—828/Del/78.
 Georg Fischer Aktiengesellschaft—1188/Cal/78, 1189/Cal/78 and 1269/Cal/78.
 Gersoran S.A.—1270/Cal/78.
 Ghosh, S. (Dr.)—834/Del/78 and 835/Del/78.
 Godrej Soaps Limited—320/Bom/78.
 Gould Inc.—1259/Cal/78.
 Gratzmuller, C.A.—1234/Cal/78.
 Gromoglasova, V.N.—1208/Cal/78.
 Guglielmetti, P.—849/Del/78.
 Gunasekaran, G.—217/Mas/78.
 Gupta, H. R.—811/Del/78, 823/Del/78 and 833/Del/78.
 Gurkov, B.A.—1208/Cal/78.

(H)

Halliburton Company—824/Del/78.
 Hamworthy Engineering Limited—1215/Cal/78.
 Hoechst Aktiengesellschaft—1250/Cal/78.
 Holco Investment Inc.—1275/Cal/78.
 Hollandse Signaalapparaten B.V.—1226/Cal/78.
 Hylsa, S.A.—1204/Cal/78.

(I)

I.S.C. Smelting Limited—831/Del/78.
 Imperial Chemical Industries Limited—860/Del/78.
 Indian Cable Co. Ltd., The.—1281/Cal/78.
 Indian Explosives Limited—1260/Cal/78.
 Institut Francais Du Petrole—1254/Cal/78.
 Inventa AG fur Forschung und Patentverwertung—1216/Cal/78.
 Ishikawajima-Harima Jukogyo Kabushiki Kaisha—868/Del/78.

(J)

J.F. Werz Jr. Kg.—1288/Cal/78.
 Jain, S.—795/Del/78 and 796/Del/78.
 Jerajani, A.J.—321/Bom/78.
 John Wyeth and Brother Limited—1249/Cal/78.
 Joshua, V.—211/Mas/78.

(K)

Kadam, L.S. (Mrs.)—332/Bom/78.
 Khullar, S.K.—865/Del/78.
 Kraftwerk Union Aktiengesellschaft—1256/Cal/78.
 Kulkarni, P.K.—329/Bom/78.
 Kulkarni, V.P.—329/Bom/78.
 Kurkovskaya, B.B.—1208/Cal/78.

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(L)

Lapan, T.T.—799/Del/78.
 Lassota, M.J.—859/Del/78.
 Lawson, M.—802/Del/78.
 Licentia Patent-Verwaltungs-GMBH.—1245/Cal/78.
 Lodge-Cottrell Limited—810/Del/78.
 Luckose, P.S.—205/Mas/78.

(M)

MacLennan, M.E.—802/Del/78.
 Mahbubani, D.J.—335/Bom/78.
 Mahle GMBH—1187/Cal/78.
 Mammootil, S.J.—1232/Cal/78.
 Mane, V.P.—342/Bom/78.
 Marathon Oil Company—866/Del/78.
 Markelov, V.A.—1205/Cal/78.
 Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft—
 1220/Cal/78 and 1229/Cal/78.
 Mecanorma S.A.—1251/Cal/78.
 Menon, K.K.K.—337/Bom/78.
 Metallurgical Processes Limited—831/Del/78.
 Minore Pty. Ltd.—1287/Cal/78.
 Mobil Oil Corporation—1224/Cal/78.
 Mobil Tyco Solar Energy Corporation—791/Del/78.
 Modipon Limited—797/Del/78 and 198/Del/78.
 Monsanto Company—1179/Cal/78, 1180/Cal/78 and 1210/
 Cal/78.
 Morcov, P.—809/Del/78.
 Mukherjee, C.R.—1185/Cal/78 and 1231/Cal/78.

(N)

Narayan, G.R.—220/Mas/78.
 Nayak, U.V.—206/Mas/78.
 Nederlandse Organisatie Voor Toegepast-Natuurwetens- Chap-
 pelijk Onderzoek Ten Behoeve Van Nijverheid, Handel EN
 Verkeer—1243/Cal/78.
 New Generation Foods, Inc.—1252/Cal/78.
 Nijaguna, B.T. (Dr.)—207/Mas/78.
 Nisseki House Industry Co. Ltd.—1211/Cal/78 and 1213/
 Cal/78.
 Nitto Boseki Co. Ltd.—1257/Cal/78.
 Nitto Boseki Co. Ltd.—1257/Cal/78.
 Normark, O.M.—782/Del/78. and 787/Del/78.
 Norvidan Engineering ApS.—1284/Cal/78.

(O)

Olevsky, V.M.—1207/Cal/78, 1208/Cal/78 and 1209/Cal/
 78.
 Ortner Freight Car Company—792/Del/78.
 Outokumpu OY.—1261/Cal/78.

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(P)

PPG Industries, Inc.—822/Del/78.
 Pandey, R.S.—1253/Cal/78.
 Pandit, M.B.—322/Bom/78.
 Parikh, R.H.—334/Bom/78.
 Patwardhan, S.V. (Dr.)—333/Bom/78.
 Pfizer Corporation—818/Del/78.
 Pfizer Inc.—830/Del/78 and 841/Del/78.
 Philadelphia Suburban Corporation—1242/Cal/78 and 327/
 Bom/78.
 Philippaki, G.—1246/Cal/78.
 Phillips Petroleum Company—1203/Cal/78.
 Population Research Incorporated—1266/Cal/78.
 Prasad, L.—800/Del/78.
 Prestige Group Limited, The.—1286/Cal/78.
 Proizvodstvennoe Obiedinenie Turbostroenia "Leningradsky
 Metallichesky Zavod—1230/Cal/78.
 Purohit, H.C.—1221/Cal/78.
 Purolator India Ltd.—784/Del/78.

(R)

Rao, N.R.—203/Mas/78.
 Rao, S.N.—208/Mas/78.
 Robert Bosch GMBH.—1197/Cal/78.
 Roberts, S.N.—1287/Cal/78.
 Rohm and Haas Company—814/Del/78.
 Ruchinsky, V.R.—1208/Cal/78.

(S)

S.A. Manganese Amcor Limited (Samanoor)—833/Del/78.
 Sachania, N.P.—328/Bom/78.
 Saikia, R.—1285/Cal/78.
 Sakaguchi, M.—1263/Cal/78.
 Sarma, D.S.—222/Mas/78.
 Sathe, J.A.—333/Bom/78.
 Schubert & Salzer Maschinenfabrik Aktiengesellschaft—1235/
 Cal/78.
 Sciaky Bros. Inc.—1272/Cal/78.
 Science Union Et cie, Societe Francaise De Recherche Medi-
 cale—804/Del/78.
 Servicios Caribe, S.A.—838/Del/78.
 Seshagiri, D (Smt.)—218/Mas/78.
 Shafranovsky, A.V.—1207/Cal/78, 1208/Cal/78 and 1209/
 Cal/78.
 Shell Internationale Research Maatschappij B.V.—789/Del/78.
 Shrinivas, B.N.—324/Bom/78.
 Siemens Aktiengesellschaft—1217/Cal/78, 1218/Cal/78,
 1273/Cal/78 and 1274/Cal/78.
 Singh, G.—842/Del/78.
 Skoda, Oborovy Podnik—1244/Cal/78, 1264/Cal/78 and
 1265/Cal/78.

Name & Application No.

Smithkline Corporation—790/Del/78.

Societe Civile DE Recherches ET D Applications.,—807/Del/78.

Scientifiques (S.C.R.A.S.)—851/Del/78.

Societe DE Paris ET DU Rhone—1239/Cal/78.

Societe Des Aciers Fins DE L'EST—1184/Cal/78.

Societe Des produits Nestle S.A.—1279/Cal/78.

Societe Lab.—1271/Cal/78.

Somanathan, V.—209/Mas/78.

Soni, C.N.—343/Bom/78.

Stamicarbon, B.V.—821/Del/78.

Standard Oil Company—788/Del/78.

Subramonian, M.V.—209/Mas/78.

(T)

T. K. Chemicals Limited—213/Mas/78.

Tata Engineering and Locomotive Company Limited—338/Bom/78.

Tecalemit India Ltd.—1214/Cal/78.

Tesa, S.A.—819/Del/78 and 820/Del/78.

Texaco Development Corporation—1241/Cal/78.

Thermax (India) Private Limited—339/Bom/78.

Thomas, M.K.—214/Mas/78.

Toshin Kogyo Co. Ltd.—1277/Cal/78.

Trade & Industry Private Ltd.—1228/Cal/78.

Tsentralnaya Experimentalno-Issledovatel'skaya Konstruktorskoye-Tekhnologicheskaya Laboratorie Khimizatsiyskogo Khozyaisyva.—1278/Cal/78.

(U)

UOP Inc.—852/Del/78 and 864/Del/78.

Ugine Aciers—862/Del/78.

Name & Application No.

Unie Van Kunstmest-fabrieken B.V.—856/Del/78.

Union Carbide Corporation—827/Del/78 and 329/Del/78.

United Catalysts Inc.—785/Del/78.

Unni, P.B.—331/Bom/78.

Utica Tool Company, Inc.—1190/Cal/78.

(V)

Varghese, C.—223/Mas/78.

Veb Kombinat Medizin-Und Labortechnik Leipzig—1262/Cal/78.

Vijayan, T.A.—216/Mas/78.

Vishwakarma, B.B.—326/Bom/78.

Vishwakarma, B (Mrs.)—326/Bom/78.

(W)

Wagner, W. (Dr. Md.)—1236/Cal/78, 1237/Cal/78 and 1238/Cal/78.

Westinghouse Electric Corporation—1206/Cal/78, 1267/Cal/78 and 1268/Cal/78.

Whitel, D.—803/Del/78.

(Y)

Yoshizawa, T.—1263/Cal/78.

(Z)

Zachariah, M.A.—219/Mas/78.

S. VEDARAMAN,
Controller-General of Patents,
Designs and Trade Marks.

